



WEATHER AND CROPS

July 30, 2007

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Week Ending, July 29, 2007

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WEATHER: It was another active week across New York. A small coastal low pressure system developed off the northern Mid-Atlantic coast Sunday night and moved northwest into northern New Jersey on Monday. This produced moderate to heavy rainfall across western Long Island, southeast and south central New York on Monday, where 1 to 2 inches fell. High pressure across the western Atlantic Ocean then built westward Tuesday through Thursday, providing a humid southerly flow across the state along with scattered showers, mainly across western New York. A slow moving upper level low pressure system tracked east from the Great Lakes Friday and Saturday, triggering numerous showers and thunderstorms mainly across central and western portions of the state. Rainfall amounts Friday into Saturday ranged from 1 to 2 inches across central and western portions of the state, to an inch or less across the southeast. However, localized amounts well in excess of 2 inches fell where slow moving thunderstorms occurred. Temperatures averaged near to below normal across much of the state during the week, mainly due to persistent clouds and showers.

CROPS: Another week of scattered showers dominated the region, with parts of New York receiving up to two inches of rain and some places receiving very little. There were 5.0 days suitable for fieldwork. Soil Moisture was rated 5 percent very short, 25 percent short, 68 percent adequate, and 2 percent surplus. Condition of soybeans was 4 percent poor, 22 percent fair, 49 percent good, and 25 percent excellent. Corn condition was rated as 6 percent poor, 23 percent fair, 45 percent good, and 26 percent excellent. Hay condition was 12 percent poor, 28 percent fair, 52 percent good, and 8 percent excellent. Winter wheat was 60 percent harvested compared with last year's 55 percent. Twenty-four percent of the oats were harvested, behind last year's 31 percent. The second cutting of alfalfa was 78 percent harvested, ahead of last year's 65 percent. Thirty-one percent of the third cutting of alfalfa was completed compared with 13 percent from last year. Second cutting of timothy hay was 59 percent completed compared with last year's 45 percent. Third cutting of timothy hay was 12 percent harvested ahead of last year's 9 percent. Five percent of the potatoes were harvested compared to 14 percent from last year. The following are comments from across the state: Corn tasseled and small grain harvest began in Otsego County. In Montgomery and Fulton Counties, farmers finished the second cutting of hay and were beginning a third cutting. Third cutting of haylage began had begun in Saratoga County and the rye for grain had finished. Wheat harvest was finishing up in Ontario County and the oat harvest was in full swing. The corn crop had tasseled and the winter wheat was being harvested in Jefferson County.

FRUIT: Apples were judged to be in 8 percent poor condition, 10 percent fair, 72 percent good, and 10 percent excellent. Grapes were 13 percent poor condition, 18 percent fair, 44 percent good, and 25 percent excellent. Peaches were 13 percent poor condition, 13 percent fair, 51 percent good, and 23 percent excellent. Pears were 25 percent poor, 25 percent fair, and 50 percent good. In the Lake Ontario fruit region, growers were applying fungicide applications in order to protect the peaches and shoots from brown rot. Growers were also on a look out for Comstock Mealybug Crawlers hatching in pears. In the Long Island fruit region, veraison was approaching fast. Growers continued hedging and cluster thinning. So far this year, many varieties have plenty of clusters.

VEGETABLE: Rainfall gave a boost to vegetable crops across the state. Harvesting was in full for the majority of crops. There were some reports of small ears and low yielding sweet corn in areas that have been dry. Regions that received timely rains report very good conditions. Scouting for insects and diseases was a major activity. Onions, sweet corn, tomatoes, and snap beans were in mostly fair to good condition. Sweet corn harvest reached 17 percent complete, onions 10 percent, snap beans 18 percent, cabbage 13 percent, and tomatoes 25 percent. Progress was generally ahead of a year ago.

LIVESTOCK: Pasture conditions across much of the state were estimated to be in good condition. Pasture conditions were rated 5 percent very poor, 19 percent poor, 26 percent fair, 44 percent good, and 6 percent excellent. This week's rainfall has improved pasture conditions across the state.

Weather Data for Week Ending Sunday, July 29, 2007

Station	Temperature (°F)				Growing Degree Days Base 50° ^{1/}			Precipitation (Inches) ^{1/}				
	High	Low	Avg	Dep. from Norm	Week	Season	Dep. from Norm	Week	Dep. from Norm	Season	Dep. from Norm	
<u>Hudson Valley</u>												
Albany	87	58	72	0	157	1589	+171	1.03	+0.33	19.86	+6.88	
Glens Falls	87	50	70	0	142	1282	+47	0.23	-0.47	13.58	+1.08	
Poughkeepsie	89	60	74	+2	168	1716	+234	1.84	+0.99	19.35	+4.02	
<u>Mohawk Valley</u>												
Boonville	81	53	67	+1	122	1026	+65	0.82	-0.09	14.92	-2.46	
<u>Champlain Valley</u>												
Plattsburgh	86	50	70	0	144	1199	-65	0.40	-0.35	16.01	+4.44	
<u>St. Lawrence Valley</u>												
Canton	85	49	69	0	134	1231	+115	0.55	-0.24	15.17	+2.93	
Massena	87	50	71	+2	150	1285	+98	0.60	-0.14	13.67	+2.40	
<u>Great Lakes</u>												
Buffalo	85	57	72	+1	155	1545	+196	0.23	-0.50	8.94	-3.48	
Wales	82	49	67	-2	118	1138	+54	0.17	-0.60	10.68	-4.16	
Niagara Falls	84	57	71	0	153	1498	+138	0.25	-0.40	8.53	-3.61	
Rochester	87	54	71	+2	151	1599	+281	0.53	-0.10	8.27	-2.57	
Watertown	85	47	70	+2	141	1240	+125	0.04	-0.42	8.41	-1.27	
<u>Central Lakes</u>												
Dansville	86	50	69	-2	137	1365	+49	0.53	-0.10	9.88	-2.50	
Geneva	84	55	70	-2	141	1410	+114	0.65	+0.02	9.97	-2.38	
Honeoye	86	48	68	-4	129	1303	-45	0.44	-0.18	12.43	+0.31	
Ithaca	84	49	69	0	135	1273	+101	1.77	+1.01	11.99	-1.23	
Penn Yan	85	56	70	-1	144	1544	+248	0.53	-0.10	10.50	-1.85	
Syracuse	87	54	72	+2	153	1513	+181	0.49	-0.35	12.50	-1.49	
Warsaw	80	51	67	-1	118	1149	+140	0.52	-0.23	14.15	-0.20	
<u>Western Plateau</u>												
Angelica	81	44	65	-3	104	986	-3	0.32	-0.45	12.53	-1.31	
Elmira	85	49	69	-2	134	1354	+108	1.15	+0.45	9.98	-2.84	
Franklinville	82	46	66	+1	111	1043	+139	0.67	-0.11	11.61	-2.84	
Jamestown	82	47	66	-2	115	1175	+156	0.54	-0.36	14.05	-2.03	
<u>Eastern Plateau</u>												
Binghamton	81	55	69	-1	133	1393	+183	2.21	+1.44	14.49	+1.12	
Cobleskill	85	50	67	-2	122	1222	+104	1.39	+0.63	18.50	+4.08	
Morrisville	82	51	68	0	126	1153	+87	1.44	+0.67	14.43	+0.22	
Norwich	84	48	67	-2	121	1188	+67	1.68	+0.98	15.82	+1.41	
Oneonta	87	52	70	+3	140	1449	+415	1.17	+0.33	17.95	+2.29	
<u>Coastal</u>												
Bridgehamton	84	60	73	+2	163	1506	+191	0.25	-0.43	15.83	+1.65	
New York	88	63	78	+1	196	2215	+365	1.80	+0.89	25.22	+10.23	

^{1/} Season accumulations are for April 1st to date. Weekly accumulations are through 7:00 AM Sunday Morning.

The information contained in this weekly release is obtained in cooperation with Cornell Cooperative Extension, USDA Farm Service Agency, the National Weather Service, Agricultural Weather Information Service and other knowledgeable persons associated with New York agriculture. Their cooperation is greatly appreciated.

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